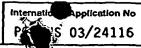
INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MA

IPC 7	B41M5/00 B44C5/04		34 DEC 5004	
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) IPC 7 B41M B44C				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)				
EPO-Internal, PAJ				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with Indication, where appropriate, of the rel	evant passages	Relevant to daim No.	
X	EP 1 114 734 A (DAICEL CHEM) 11 July 2001 (2001-07-11) paragraph '0438! paragraph '0435! paragraph '0442!		1-7,20	
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 15, 6 April 2001 (2001-04-06) & JP 2000 355163 A (KONICA CORP), 26 December 2000 (2000-12-26) abstract	,	1-7,20	
A	US 4 868 581 A (AKIYA TAKASHI ET 19 September 1989 (1989-09-19) the whole document 	ΓAL)	1-22	
Further documents are listed in the continuation of box C. Patent family members are listed in annex.				
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "S" document in the art.		or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the c cannot be considered novel or cannot the volve an inventive step when the do "Y" document of particular relevance; the c cannot be considered to involve an involvement is combined with one or mo ments, such combination being obvious in the art. "&" document member of the same patent.	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled	
Date of the actual completion of the international search Date of mailing of the international search report 11 December 2003 18/12/2003				
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NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Spyropoulou, E		

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information on patent family members

\$ 03/24116 Publication Patent document Patent family Publication cited in search report date member(s) date EP 1114734 A 11-07-2001 JP 12-12-2000 2000343811 A JP 2001121814 A 08-05-2001 JP 2001123075 A 08-05-2001 JP 2001146072 A 29-05-2001 JP 2001150804 A 05-06-2001 JP 2001171227 A 26-06-2001 JP 2001213046 A 07-08-2001 JP 2001219640 A 14-08-2001 EP 1114734 A1 11-07-2001 WO 0074945 A1 14-12-2000 JP 2000355163 Α 26-12-2000 US 6432519 B1 13-08-2002 US 4868581 Α 19-09-1989 JP 62144986 A 29-06-1987

JP

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Internation

pplication No

08-07-1987